

# Vincent Chan

## List of Publications by Year in descending order

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73  
papers

1,519  
citations

361413

20  
h-index

315739

38  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1995  
citing authors

#	ARTICLE	IF	CITATIONS
1	Milrinone as Compared with Dobutamine in the Treatment of Cardiogenic Shock. <i>New England Journal of Medicine</i> , 2021, 385, 516-525.	27.0	129
2	Clinical and Echocardiographic Impact of Functional Tricuspid Regurgitation Repair at the Time of Mitral Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2009, 88, 1209-1215.	1.3	127
3	Reoperation of Left Heart Valve Bioprostheses According to Age at Implantation. <i>Circulation</i> , 2011, 124, S75-80.	1.6	99
4	Clinical Impact of Mild Acute Kidney Injury After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2014, 98, 815-822.	1.3	92
5	Clinical Impact of Changes in Left Ventricular Function After Aortic Valve Replacement. <i>Circulation</i> , 2015, 132, 741-747.	1.6	80
6	Clinical evaluation of functional mitral stenosis after mitral valve repair for degenerative disease: Potential affect on surgical strategy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 1418-1425.	0.8	73
7	Impact of preoperative fractional flow reserve on arterial bypass graft anastomotic function: the IMPAG trial. <i>European Heart Journal</i> , 2019, 40, 2421-2428.	2.2	70
8	Functional Significance of Elevated Mitral Gradients After Repair for Degenerative Mitral Regurgitation. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 1041-1047.	2.6	69
9	Transcatheter Mitral Valve Repair in Cardiogenic Shock and Mitral Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1-11.	2.9	59
10	Long-Term Clinical and Hemodynamic Performance of the Hancock II Versus the Perimount Aortic Bioprostheses. <i>Circulation</i> , 2010, 122, S10-S16.	1.6	53
11	How detrimental is reexploration for bleeding after cardiac surgery?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 927-935.	0.8	53
12	Mitral Valve Replacement Is a Viable Alternative to Mitral Valve Repair for Ischemic Mitral Regurgitation: A Case-Matched Study. <i>Annals of Thoracic Surgery</i> , 2011, 92, 1358-1366.	1.3	52
13	Handsewn Proximal Anastomoses Onto the Ascending Aorta Through a Small Left Thoracotomy During Minimally Invasive Multivessel Coronary Artery Bypass Grafting: A Stepwise Approach to Safety and Reproducibility. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2012, 24, 79-83.	0.6	44
14	Influence of the On-X mechanical prosthesis on intermediate-term major thromboembolism and hemorrhage: A prospective multicenter study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 1053-1058.e2.	0.8	43
15	Heart valve prosthesis selection in patients with end-stage renal disease requiring dialysis: a systematic review and meta-analysis. <i>Heart</i> , 2011, 97, 2033-2037.	2.9	43
16	Impact of mitral annular calcification on early and late outcomes following mitral valve repair of myxomatous degeneration. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013, 17, 120-125.	1.1	33
17	Long-term evaluation of biological versus mechanical prosthesis use at reoperative aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 144, 146-151.	0.8	27
18	Randomized, Controlled Trial Comparing Mitral Valve Repair With Leaflet Resection Versus Leaflet Preservation on Functional Mitral Stenosis. <i>Circulation</i> , 2020, 142, 1342-1350.	1.6	25

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19	Clinical and echocardiographic outcomes after repair of mitral valve bileaflet prolapse due to myxomatous disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012, 143, S8-S11.	0.8	22
20	Clopidogrel Is Safe Early after On- and Off-pump Coronary Artery Bypass Surgery. <i>Journal of Cardiac Surgery</i> , 2007, 22, 493-497.	0.7	21
21	Determinants of Left Ventricular Dysfunction After Repair of Chronic Asymptomatic Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2015, 99, 38-42.	1.3	19
22	Perioperative Deaths After Mitral Valve Operations May Be Overestimated by Contemporary Risk Models. <i>Annals of Thoracic Surgery</i> , 2014, 98, 605-610.	1.3	18
23	Determinants of late outcomes in women undergoing mitral repair of myxomatous degeneration. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 779-783.	1.1	15
24	When Should the Mitral Valve Be Repaired or Replaced in Patients With Ischemic Mitral Regurgitation?. <i>Annals of Thoracic Surgery</i> , 2017, 103, 742-747.	1.3	15
25	Ischemic and bleeding outcomes after coronary artery bypass grafting among patients initially treated with a P2Y <sub>12</sub> receptor antagonist for acute coronary syndromes: Insights on timing of discontinuation of ticagrelor and clopidogrel prior to surgery. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2019, 8, 543-553.	1.0	15
26	Profound Vasoplegia During Sacubitril/Valsartan Treatment After Heart Transplantation. <i>Canadian Journal of Cardiology</i> , 2018, 34, 343.e5-343.e7.	1.7	14
27	Contemporary Midterm Echocardiographic Outcomes of Bentall Procedure and Aortic Valve Sparing Root Replacement. <i>Annals of Thoracic Surgery</i> , 2014, 98, 590-596.	1.3	13
28	Percutaneous Mitral Repair as Salvage Therapy in Patients With Mitral Regurgitation and Refractory Cardiogenic Shock. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008435.	3.9	13
29	How Does Mitral Valve Repair Fail in Patients With Prolapse? Insights From Longitudinal Echocardiographic Follow-Up. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1459-1465.	1.3	12
30	Catheter-Based Educational Experiences: A Canadian Survey of Current Residents and Recent Graduates in Cardiac Surgery. <i>Canadian Journal of Cardiology</i> , 2016, 32, 391-394.	1.7	12
31	Functional mitral stenosis following mitral valve repair. <i>Current Opinion in Cardiology</i> , 2017, 32, 161-165.	1.8	12
32	Randomised trial of mitral valve repair with leaflet resection versus leaflet preservation on functional mitral stenosis (The CAMRA CardioLink-2 Trial). <i>BMJ Open</i> , 2017, 7, e015032.	1.9	12
33	Physiologic expansion of human heart-derived cells enhances therapeutic repair of injured myocardium. <i>Stem Cell Research and Therapy</i> , 2019, 10, 316.	5.5	11
34	Impact of surgeon and anaesthesiologist sex on patient outcomes after cardiac surgery: a population-based study. <i>BMJ Open</i> , 2021, 11, e051192.	1.9	10
35	Significant valvular dysfunction and outcomes in cardiogenic shock: insights from the randomized DOREMI trial. <i>Canadian Journal of Cardiology</i> , 2022, , .	1.7	10
36	<i>Tropheryma whipplei</i> aortic valve endocarditis without systemic Whipple's disease. <i>International Journal of Infectious Diseases</i> , 2011, 15, e804-e806.	3.3	9

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37	Gender differences in outcomes following cardiac surgery. <i>Current Opinion in Cardiology</i> , 2015, 30, 151-154.	1.8	9
38	Is Late Left Ventricle Remodeling After Repair of Degenerative Mitral Regurgitation Worse in Women?. <i>Annals of Thoracic Surgery</i> , 2019, 108, 1189-1193.	1.3	8
39	Mitral repair with leaflet preservation versus leaflet resection and ventricular reverse remodeling from a randomized trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 166, 74-83.e2.	0.8	8
40	Presentation and management of calcific mitral valve disease. <i>International Journal of Cardiology</i> , 2020, 304, 135-137.	1.7	6
41	Impact of sex on outcomes after percutaneous repair of functional mitral valve regurgitation. <i>Journal of Cardiac Surgery</i> , 2021, 36, 1900-1903.	0.7	6
42	Functional mitral stenosis after mitral valve repair is a true anatomic problem that originates from the time of surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 1091-1092.	0.8	5
43	Finite element analysis to model complex mitral valve repair. <i>Asian Cardiovascular and Thoracic Annals</i> , 2016, 24, 60-62.	0.5	5
44	Malignant Invasion of Sternotomy Incision After Cardiac Operation. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1295-1296.	1.3	4
45	An unusual case of native mitral valve thrombosis and obstruction. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 48, 971-971.	1.4	4
46	Explant of a ball and cage valve 42 years after initial implant. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, e147-e148.	0.8	4
47	Aortic Valve Repair Decreases Risks of VRE in AI at 10 Years: A Propensity Scoreâ€“Matched Analysis. <i>Annals of Thoracic Surgery</i> , 2022, 113, 1469-1475.	1.3	4
48	Stageâ€“based approach to predict left ventricular reverse remodeling after mitral repair. <i>Clinical Cardiology</i> , 0, , .	1.8	4
49	Surgical approach to repair of ruptured chordae tendineae causing tricuspid regurgitation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009, 137, e30-e32.	0.8	3
50	Carinal Sleeve Resection for Persistent Bronchopleural Fistula After Completion Right Pneumonectomy. <i>Annals of Thoracic Surgery</i> , 2010, 89, 1266-1268.	1.3	3
51	â€“Primaryâ€™ percutaneous mitral valve repair in patients with acute myocardial infarction: is it ready for primetime?. <i>European Heart Journal</i> , 2022, 43, 651-653.	2.2	3
52	Leaflet Resection vs Preservation for Degenerative Mitral Regurgitation: Functional Outcomes and Mitral Stenosis at 12 Months in a Randomized Trial. <i>Canadian Journal of Cardiology</i> , 2022, 38, 808-814.	1.7	3
53	Traumatic right ventricular rupture. <i>European Journal of Cardio-thoracic Surgery</i> , 2007, 32, 163-163.	1.4	2
54	Leaflet resection versus leaflet preservation for repair of degenerative mitral regurgitation: Does it matter how the mitral valve is repaired?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 546-547.	0.8	2

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55	The Dance of 2 Devils: Mitral Valve Repair and Functional Mitral Stenosis. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2017, 29, 33-34.	0.6	2
56	Cardiac Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2018, 33, 156-167.	1.5	2
57	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2009, 88, 535-536.	1.3	1
58	The many challenges of interpreting recurrent moderate mitral regurgitation after MitraClip percutaneous mitral valve repair: What does it mean?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 97-98.	0.8	1
59	Double-Valve Surgery After Cardiac Retransplantation. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1687.e1-1687.e2.	1.7	1
60	When Should Infective Endocarditis Be Treated With Early Surgical Intervention?. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1110-1111.	1.7	1
61	Surgery for Mitral Valve Papillary Muscle Rupture: Implications of Replacement Versus Repair. <i>Annals of Thoracic Surgery</i> , 2020, 110, 1982.	1.3	1
62	Correction of Bileaflet Mitral Valve Prolapse Through Reduction of Posterior Leaflet Height. <i>Annals of Thoracic Surgery</i> , 2021, 111, e55-e56.	1.3	1
63	Systematic Approach to the Calcified Mitral Valve Apparatus at Time of Mitral Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2022, 113, e67-e69.	1.3	1
64	Intraoperative Left Atrial Appendage Occluder Implantation with the Amplatzer Cardiac Plug. <i>Structural Heart</i> , 2021, 5, 420-421.	0.6	1
65	Mitral valve repair in acquired dextrocardia. <i>Asian Cardiovascular and Thoracic Annals</i> , 2015, 23, 979-981.	0.5	0
66	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2017, 103, 593-594.	1.3	0
67	Reply. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1095.	1.3	0
68	Invited Commentary. <i>Annals of Thoracic Surgery</i> , 2020, 110, 515-516.	1.3	0
69	Improving Care for Patients With Degenerative Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2021, 111, 486-487.	1.3	0
70	Ischemic mitral regurgitation. <i>Current Opinion in Cardiology</i> , 2021, Publish Ahead of Print, 755-763.	1.8	0
71	Commentary: The mitral annulus in normal valve function. Does shape matter?. <i>JTCVS Techniques</i> , 2021, 10, 45-46.	0.4	0
72	Successful Explantation of a Ball and Cage Mitral Valve Prosthesis 48 Years After Initial Implantation. <i>CJC Open</i> , 2022, 4, 344-346.	1.5	0

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73	Utility of a smartphone application in assessing palmar circulation prior to radial artery harvesting for coronary artery bypass grafting: rationale and design of the randomised CAPITAL iRADIAL-CABG trial. <i>BMJ Open</i> , 2022, 12, e055580.	1.9	0